

Optical-Deformation Absorption in Polyethylene, by
Vikt. I. Spitsyn.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 203,
No 6, April 1972, pp 1362-1365.

CB

Dec 72

Functional Activity of Heterologous Ribosomes,
by M. A. Aithozhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1403-1404.

CB

Dec 72

Cytophotometric Study of the DNA Content in
the Nuclei of Adrenocortical Cells From *Citellus*
erythrogenis at Different Seasonal Periods, by

S. G. Kolaeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1405-1407.

CB

Dec 72

The Effect of Ionizing Radiation on the Cytogenetic Activity of *V. faba* Root Meristem Substances, by
A. I. Medvedev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1408-1410.
CB

Dec 72

Ferredoxin-Dependent Formate Dehydrogenase of the
Green Photosynthesizing Bacterium *Chloropseudomonas*
ethylica Strain 51, by E. N. Kondrat'eva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 6, April 1972, pp 1411-1413.
CB

Nov 72

Estimation of the Error of Derivative of Hill's
Cooperative Coefficient Applied to the Anomalous
Behavior of "Biosynthetic" L-Threonine Dehydratase,
by B. I. Kurganov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 6, April 1972, pp 1414-1417.

CB

Nov 72

Formation of Stabilized Informosome-Like Particles
at Physiological Temperatures, by A. S. Stepanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 6, April 1972, pp 1418-1421.

CB

Nov 72

Use of a Semiconductor Method to Investigate
Oxygen Metabolism in a Green Leaf in Anerobic
Conditions, by E. E. Gutman.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 203,
No 6, April 1972, pp 1422-1425.

CB

Jan 73

Bioelectric Polarity of Plant Leaf Upon Light
and Chemical Stimulation, by S. N. Maslobroa.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 203,
No 6, April 1972, pp 1426-1428.

CB

Jan 75

Effect of Motivation of Conditioned Slow Negative
Potential of Human Cerebral Cortex, by
E. A. Kostandov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1429-1432.
CB

Dec 72

Influence of Potassium Ions on the Transport
and Utilization of Glucose in the Frog Skeletal
Muscles, by N. V. Kudryavtseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1433-1436.

CB

Dec 72

24

Difference of the Influence of Tl⁺ and Ba²⁺
as Partial Analogs of K⁺ on the Sodium Pump
in Frog Skin, by Yu. V. Natochin,
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1437-1440.

CB

Dec 72

Early Mortality in Adrenalectomized Mice With
Reaction of Transplantate Against Host, by
V. F. Semenkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1441-1444.
CB

Dec 72

Phase Equilibria During the Formation of Gaseous
Hydrates, by S. Sh. Byk.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 123-125
CB

Jan 73

Surface Dispersion of Metals in Contact With
Polymers and the Role of Products of Mechanical
Degradation of Macromolecules, by
G. A. Gorokhovskii.
RUSSIAN, per; Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 126-128.

CB

Jan 73

Electrochemical Reduction of Molybdenum
Compounds and an ESR Investigation of the
Molybdenum (V) Oxycomplexes Being Formed,
by A. V. Il'yasov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 129-132.
CB

Jan 73

Functions of Sensitizing Dyes in the Formation
of Latent Photographic Image, by P. V. Kal'manson.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 133-136.

CB

Jan 73

Anisotropy of the Molecular Tensor of Alkanes, by
K'uk Tang Ch'eu.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 20!,
No 1, May 1972, pp 137-139.
CB

Jan 73

Effective Charges on Oxygen and Carbon Atoms of
-COO⁻ Groups in a Series of Be, Mg, Ca, Sr, and
Ba Formates, by V. I. Nefedov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 204,
No 1, May 1972, pp 140-142.

CB

Jan 73

ESR Spectra of BIS-(N,N'-Dimethyl-p-Nitrodimina to)
Copper, by E. A. Romodanova.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 143-146.

CB

Jan 73

Chemical Polarization of Nuclei in the Oxidation
of Dimethyl Sulfide by Nitric Acid, by E. S. Rudekov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 204,
No 1, May 1972, pp 147-150.
CB

Jan 73

Electric Conductivity of Irradiated and Non-
irradiated Oxide Forms of Promoted Iron Catalysts,
by V. I. Spitsyn.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 151-153.

CB

Jan 73

Dimeric Complexes in Water Vapors of Density 0.1
g/cm³, by G. V. Yukhnevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 154-157.

CB

Protection and Sensitization During Induction
of Mutations Under the Action of Ethylene Imine,
by L. G. Dubinina.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 1, May 1972, pp 211-214.

CB

Feb 73

Autoradiographic Investigation of Replication
Polytene Chromosomes in Drosophila Salivary Glands.
Chronology of DNA Replication Under Normal Conditions
and in Translocation, by M. B. Evgen'ev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 1, May 1972, pp 215-217.

CB

Feb 73

Chromosome Damage and the Free-Radical State in
Barley Seeds After Single and Fractional Irradiation
in Nitrogen and Air, by N. I. Nuzhdin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol. 20⁴,
No 1, May 1972, pp 215-221.

CB

Feb 73

The Microbial Degradation of Benz(a) Pyrene in
Waste Waters, by M. N. Poglavazova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 20⁴,
No 1, May 1972, pp 222-225.
CB

Feb 73

The Inhibiting Effect of 1-Adamantanamine and
 α -Methyl-1-Adamantanemethylamine on the Development
of Rous Sarcoma, by V. M. Shobukhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 1, May 1972, pp 226-228.

CB

Feb 73

The Induction of Protein Synthesis by Mitochondria
of the Animal Cell Under the Action of Cyclic 3', 5'-
AMP, by S. A. Neifakh.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 204,
No 1, May 1972, pp 233-237.
CB

Feb 73

Relationship of Pathways for Pyruvate Conversion
in Germinating Pea Seeds, by I. V. Zelenova.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 20⁴,
No 1, May 1972, pp 235-238.

CB

Jan 73

Comparative Investigation of Proteins in Ripening
Seeds of a *Phascolus* Subtribe by Chromatography
on Hydroxylapatite, by V. G. Klimenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 20⁴,
No 1, May 1972, pp 239-242.

CB

Jan 73

Commissural Links of the Vestibular Area in the
Cat Cortex, by T. F. Kuleshova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 20th,
No 1, May 1972, pp 243-245.

CB

Feb 73

Metabolism of Catecholamines in Algesic Tetanus,
by G. N. Kassil'.
RUSSIAN, per., Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 1, May 1972, pp 246-249.
CB

Feb '73

Efficiency of Muscles as a Function of Oxygen Concentration in the Venous Blood, by M. A. Khanin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 20⁴,
No 1, May 1972, pp 250-252.

CB

Feb 73

Activation of Diapausing Bugs of the Species
Eurygaster integriceps Put. By Means of Analogues
of Juvenile Hormone, by V. N. Burov.

RUSSIAN, p.e., Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 1, May 1972, pp 253-256.

CB

Feb 73

Synthesis of Optimal Linear Stabilization Systems,
by V. B. Larin, K. I. Naumenko, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
Vol 204, No 2, 1972, pp 306-308.
JPRS 56696

Aug 72

Theoretical Investigation of Nucleophilic
Substitution Reactions, by E. D. German.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 373-375.

CB

Jan 73

Effect of a Magnetic Field on the Rate of
Photooxidation of Certain Crystalline Aromatic
Hydrocarbons, by S. I. Kubarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 376-378.

CB

Jan 73

Regenerative Inhibition in Hydrogen Oxidation, by
L. A. Lovachev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 379-382.
CB

Jan 73

Kinetic Termination During the Low-Temperature
Oxidation of Macro radicals in Polystyrene, by
A. I. Mikhailov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 303-306.

CD

Jan 73

Structure of Primary Radical Products Formed
During γ Irradiation of Polycrystalline Polyols
and Monosaccharides, by I. V. Nikitin,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 387-389.

CB

Jan 73

Conversion of Acetone in the Presence of Ion
Exchange Forms of Zeolites, by G. M. Panchenkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 20⁴,
No 2, May 1972, pp 390-392.

CB

Jan 73

Intensity of the Radiation of a Stationary Flame
Above a Burning Liquid, by A. I. Rozlova*kli*.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 393-396.

CB

Jan 73

Electrooptical Properties of the Amorphous-Liquid
Phase of Cholesteric Liquid Crystals, by
E. I. Ryumtsev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 397-400.

CB

Jan 73

NMR Study of Complex Formation by Hydroperoxides
With Organic Radicals in Solution, by
R. B. Svitych.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Phys. Chem., Vol 204,
No 2, May 1972, pp 401-403.

CB

Jan 73

Structure of the Photoreduction Products of
Chlorines (The Porphyrins), by V. P. Suboch.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 404-407.

JB

Jan 73

Investigation of Antimony Catalysts by the Method
of Gamma Resonance Spectroscopy in the Chemisorption
of Propylene and Acrolein, by I. P. Suzdalev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 408-411.

CB

Jan 73

Structural Modification of Amorphous Oriented
Polymethylmethacrylate by Graft and Block
Copolymerization, by A. I. Kurilenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 204,
No 2, May 1972, pp 412-415.

CB

Feb 73

Investigation of the Rheological Properties
of Dispersed Systems by a Radiosctopic Method
in the Case of Shaking Treatment, by
B. A. Lishanskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol. 204,
No 2, May 1972, pp 416-418.

CL

Feb 73

Nature of Yield of Chromosome Mutations Upon
Fractional Irradiation of Barley Seeds With
Y Rays of Cs¹³⁷, by N. I. Nuzhdin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 20^k,
No 2, May 1972, pp 461-464.

CB

Feb 73

Mathematical Planning of Experiments to Study
Biosynthesis of the Antibiotics Esein and Brescin,
by G. G. Zharikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 20⁴,
No 2, May 1972, pp 465-467.

CB

Feb 73

Immunohistochemical Determination of S-100 Protein
in the Brain of Rats of Two Lines During Postnatal
Ontogenesis, by L. I. Korochkin.

RUSSIA, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 2, May 1972, pp 458-470.

CB

Feb 73

Permeability of the Mitochondrial Membrane
to Creatine, by T. Yu. Lipskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 204,
No 2, May 1972, pp 471-473.

CB

Feb 73

Analysis of the Kinetics of Enzymatic Reactions
Using the Methods of Group Theory, by
Yu. B. Magarshak.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 204,
No 2, May 1972, pp 474-475.

CB

Feb 73

Reversibility of the Action of the Branching Enzyme of the Muscles and the Regulating Role of RNA, by A. N. Petrova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 204,
No 2, May 1972, pp 470-473.

CB

Feb 73

Metabolic Heterogeneity of Bacteriochlorophyll, by
A. A. Shlyk.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 204,
No 2, May 1972, pp 479-482.
CD

Feb '73

Effect of Copper-Chelating Substances on Cyclic Photophosphorylation in Oat Plants With Different Chloropigment Content, by E. P. Zhojova.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci, Vol 204,
No 2, May 1972, pp 483-485.

CB

Jan 73

Change in Intensity of the Ultraviolet Fluorescence
of Plant-Cell Nuclei After Irradiation and Treatment
of Plants With Gibberellin, by L. M. Kryukova.
RUSSIAN, per, Dok Akad SSSR, Bot Sci., Vol 204,
No 2, May 1972, pp 430-435.

CB

Jan 73

Changes in the Erythroid Type of Differentiation
of Stem Cells to Myeloid Under the Influence of
Lymphocytes, by R. V. Petrov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 20¹,
No 2, May 1972, pp 489-492.

CB

Feb 73

Role of the Thalamic Region of the Hypothalamus
in Adaptive Activity, by N. G. Amiragova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol. 204,
No 2, May 1972, pp 493-495.

CB

Feb 73

Problem Solving by Monkeys' Identification of
the Empirical Regularity of Shapes, by B. A. Dashevskii
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 2, May 1972, pp 490-496.

CB

Feb 73

Metabolism of Individual Phospholipid Fractions
in Rat Brain During Narcotic (Thiopental) Sleep,
by V. Ya. Dvorkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 2, May 1972, pp 499-502.

CB

Feb '73

Prediction of Vegetative Reactions After Extreme
Effects on the Organism, by G. N. Kassil'.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 2, May 1972, pp 503-506.

CS

Feb 73

Microelectrode Investigation of the Human Brain,
by M. N. Livanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 2, May 1972, pp 507-509.
CB

Feb 73

Efferent Links of Somatosensory Regions of the
Neocortex With the Hypothalamus in the Cat, by
M. G. Semilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 2, May 1972, pp 510-512.

CB

Feb 73

Thermodynamic Properties of Gadolinium, Europium,
and Holmium Orthoferrites, by Yu. P. Vorob'ev.
RUSSIA, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 3, May 1972, pp 619-621.
CB

Jan 73

Change in the Coordination State of Boron in
Sodium Borosilicate Glasses in Connection with a
Change in Their Composition, by S. P. Zhdanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol. 204,
No 3, May 1972, pp 622-625.
CB

Jan 73

Kinetics and Mechanism of the Autoxidation of
Ethylbenzene in the Presence of Cobalt and Bromine
Salts, by I. V. Zakharov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 3, May 1972, pp 620-629.

CB

Jan '73

Washing out of the Chromatographic Band in the
Case of Slightly Nonlinear Isotherms, by
P. P. Zolotarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 3, May 1972, pp 630-633.
CB

Jan 73

Explicit Allowance for Vibronic Interaction in
the Calculation of the Band Intensities of the
Vibrational Structure in the Absorption Spectra
of Benzene and its Derivatives, by M. A. Kovner.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 3, May 1972, pp 634-636.

CB

Jan 73

Hydrophobic Reactions in the Process of the
Adsorption of Diphilic Molecules, by V. A. Pchelin.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 20⁴,
No 3, May 1972, pp 637-639.

CB

Jan 73

Study of Phase Transformations in Uranium Oxides,
by V. I. Spitsyn.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 20⁴,
No 3, May 1972, pp 640-643.

CB

Jan '73

1H NMR Investigation of the Conformations of Four-Membered Heterocycles 1, 2-Disubstituted Acetidines and 2-Methylloxetane, by A. A. Fomichev.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204, No 3, May 1972, pp 644-647.

CB

Jan 73

Stability of a Chemical Reactor With Recycle,
by Yu. M. Volin.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol. 204,
No 3, May 1972, pp 648-650.

CB

Feb 73

Kinetics of Concentration of Metals by Amalgams
From Alkaline Solutions, by V. P. Gladyshev.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 20⁴,
No 3, May 1972, pp 651-653.

CB

Feb 73

Hydrodynamics and Mass Transfer in a Tube With
The Laminar Flow of Vapor and a Thin Film of
Liquid, by V. G. Levich.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 204,
No 3, May 1972, pp 654-657.

CB

Feb 73

The Kinetics of Copper and Iron Volatilization
During the Reduction of Liquid Zinciferous Slags,
by Yu. I. Sannikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol. 204,
No 3, May 1972, pp 658-660.
CB

Feb 73

The Mechanism of the Breakdown of Fluorite-Like Solid Solutions in the ZrO₂-MgO and ZrO₂-MgO-K₂O₂ Systems, by P. A. Tikhonov.

RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 204,
No 3, May 1972, pp 661-663.

CB

Feb '73

Injection Phases as Electronic Compounds, by
Ya. S. Umanskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 204,
No 3, May 1972, pp 664-666.

CB

Feb 73

The Evolution of Endocytosis, by A. A. Avvakum.
RUSSIAN, per, Dok Akad Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 715-716.

CB

X Feb 73

Ototogeny of Some Structures of the Pacinian
Corpuscle, by N. K. Volkova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 717-719.

CB

Feb 73

Kinetics of Formation of a Cross Link in a Closed
Polymer Chain, by D. Lewis.
RUSSLAN, per, Dok Ak Nauk SSSR, Biophys., Vol 104,
No 3, May 1974, pp 720-722.

CB

Feb 73

Determination of Regions With Different Accessibility
for Water Molecules in Globular Proteins by
Investigation; Deuterium Exchange in Relation to Water
Vapor Pressure, by Yu. A. Chirgadze.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 204,
No 3, May 1972, pp 723-726.
CB

Feb 73

Spatial Orientation of Bats Under the Influence
of Increased Gravity, by E. Sh. Avrapet'yants,
V. N. Zvorykin, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
No 3, 1972, pp723-725.
JPRS 56073

Aug 72

Various Forms of Glycosidases From an Enzyme
Preparation of Hog Kidneys, by G. Ya. Vidershain.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 204,
No 3, May 1972, pp 727-729.

CD

Feb 73

Synthesis of Erllose ($4^G-\alpha-D$ -Glucosylsucrose) and Trisaccharide $Z-(3^G-\alpha-D$ -Glucosylsucrose) From Sucrose by Extracts of Animal Livers and Kidneys, by V. K. Gorodetskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 20th, No 3, May 1972, pp 730-733.
CB

Feb '73

Correlation of the Accumulation of Polysaccharides
by the Cell Wall and Certain Fractions of High-
Molecular Polyphosphates in Yeasts, by I. S. Kulaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol. 204,
No 3, May 1972, pp 734-736.

CB

Feb 73

Hydrolysis of Substrates of Glucoamylase of
Aspergillus awamori, by V. G. Ryzhakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., vol 204,
No 3, May 1972, pp 737-739.
CB

Feb 73

The Role of the Cell Membrane in the Regulation
of α -Amylase Biosynthesis in *Aspergillus oryzae*,
by V. V. Yurkevich.

RUSSIAN, per, Dok Aki Nauk SSSR, Biochem., Vol 204,
No 3, May 1972, pp 740-743.

CB

Feb 73

Reactions of Euglena Pigment System Under
Artificially Created Heterotrophic Conditions,
by V. S. Saakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 204,
No 3, May 1972, pp 744-747.

CB

Jan 73

Subjective Evaluation of the Duration of the
Periods of the Night's Sleep in the Case of
Awakenings in Various Stages, Phases and Cycles
of It, by V. P. Danilin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 745-751.

CB

Feb 73

Experience in the Use of Sodium Bromide for
Artificially Increasing Species Lifetimes, by
L. V. Komarov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 752-754.
CB

Feb '73

A Study on the Ability of the Dolphin *tursiops truncatus* (Montagu) to Operate With the Empirical Dimensionality of Geometric Figures, by
L. V. Krushinskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 755-756.

CB

Feb 73

Dynamics of Protein Synthesis in the Neurons and Glia of the Brain During Adaptation to High-Altitude Hypoxia, by F. Z. Meerson.

RUSSIAN, por, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 759-762.

CB

Feb 73

Relationship of Learning and Long-Term Memory
During Ontogenesis in the Rat, by G. A. Obruztsova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 703-705.
CB

Feb 73

Dynamics of Changes in Dry Weight of Neurons
of Deiter's Nucleus in Rats Upon Stimulation
of Different Durations, by I. S. Persina.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,
No 3, May 1972, pp 700-706.
CB

Feb 75

Chemical Model of an Electrode System for Oxidizing Hydrocarbons, by V. S. Belova.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204, No 4, June 1972, pp 897-899.

CD

Jan 73

Study of the Interaction of Hydrogen Atoms With
Quartz by the Method of Atomic-Beam Reflection, by
E. E. Gutman.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 4, June 1972, pp 900-902.

CB

Jan 73

Multiply Attenuated Total Reflection Spectroscopy -
a Highly Sensitive Method for the Study of the
Adsorbed State of Molecules, by V. M. Zolotarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 4, June 1972, pp 903-905.

CB

Jan 73

Effect of Aluminum Sulfate on the Catalytic Activity of an Alumoplatinum Catalyst, by N. S. Kozlov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 4, June 1972, pp 906-908.

CB

Jan 73